Application No. 09/626,820   Customer No. 01933
Response to Office Action

Listing of Claims:

Claims 1-18 (Canceled).

19.   (New) A management object process unit comprising:

a control processing section for performing a control of selectively collecting a plurality of management objects from a managed device; and

5   a memory section for storing management objects collected from the managed device;

wherein the control processing section includes an object managing section for:

(i) classifying the management objects into a first

10   type having a collection time that is shorter than a reference collection time, and a second type having a collection time that is not shorter than the reference collection time;

(ii) performing, in response to an object collection request for a management object of the second type, a sequence

15   of: (a) collecting the management objects of the first type from the managed device, (b) storing the collected management objects, (c) collecting the management object of the requested second type after the collection of the management objects of the first type, and (d) transmitting the collected management object of the

20   second type; and

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(iii) performing, in response to an object collection request for a management object of the first type, a sequence of: (a) retrieving from the memory section the management object of the requested first type, and (b) transmitting the retrieved

25   management object.

20.   (New) A management object process unit comprising:

a control processing section for performing a control of selectively collecting a plurality of management objects from a managed device; and

5   a memory section for storing management objects collected from the managed device; and

wherein the control processing section includes an object managing section for:

(i) classifying the management objects into a first

10   type having a collection time that is shorter than a reference collection time and having an access frequency that is higher than a reference frequency, and a second type having at least one of a collection time that is not shorter than the reference collection time and an access frequency that is not higher than

15   the reference frequency;

(ii) performing, in response to an object collection request for a management object of the second type, a sequence of: (a) collecting the management objects of the first type from

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the managed device, (b) storing the collected management objects,

20   (c) collecting the management object of the requested second type

after the collection of the management objects of the first type,

and (d) transmitting the collected management object of the

second type; and

(iii) performing, in response to an object collection

25   request for a management object of the first type, a sequence of:

(a) retrieving from the memory section the management object of

the requested first type, and (b) transmitting the retrieved

management object.

21.   (New) A management object process unit comprising:

a control processing section for performing a control of

selectively collecting a plurality of management objects from a

managed device; and

5   a memory section for storing management objects collected

from the managed device;

wherein the control processing section includes an object

managing section for:

(i) classifying the management objects into a first

10   type having a collection time that is shorter than a reference

collection time and having a value change frequency that is

higher than a reference frequency, and a second type having at

least one of a collection time that is not shorter than the

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reference collection time and a value change frequency that is

15   not higher than the reference frequency;

(ii) performing, in response to an object collection

request for a management object of the second type, a sequence

of: (a) collecting the management objects of the first type from

the managed device, (b) storing the collected management objects

20   in the memory section, (c) collecting the management object of

the requested second type after the collection of the management

objects of the first type, and (d) transmitting the collected

management object of the second type; and

(iii) performing, in response to an object collection

25   request for a management object of the first type, a sequence of:

(a) retrieving from the memory section the management object of

the requested first type, and (b) transmitting the retrieved

management object.

22.   (New) A machine readable recording medium having a

program for a management object process recorded thereon, said

process comprising:

classifying the management objects into a first type having

5   a collection time that is shorter than a reference collection

time, and a second type having a collection time that is not

shorter than the reference collection time;

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performing, in response to an object collection request

for a management object of the second type, a sequence of:

10   (a) collecting the management objects of the first type from the

managed device, (b) storing the collected management objects,

(c) collecting the management object of the requested second type

after the collection of the management objects of the first type,

and (d) transmitting the collected management object of the

15   second type; and

performing, in response to an object collection request for

a management object of the first type, a sequence of: (a)

retrieving from the memory section the management object of the

requested first type, and (b) transmitting the retrieved

20   management object.

23. (New) A machine readable recording medium having a

program for a management object process recorded thereon, said

process comprising:

classifying the management objects into a first type having

5   a collection time that is shorter than a reference collection

time and having an access frequency that is higher than a

reference frequency, and a second type having at least one of a

collection time that is not shorter than the reference collection

time and an access frequency that is not higher than the

10   reference frequency;

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performing, in response to an object collection request
for a management object of the second type, a sequence of:
(a) collecting the management objects of the first type from the
managed device, (b) storing the collected management objects,

15   (c) collecting the management object of the requested second type
after the collection of the management objects of the first type,
and (d) transmitting the collected management object of the
second type; and

performing, in response to an object collection request for

20   a management object of the first type, a sequence of: (a)
retrieving from the memory section the management object of the
requested first type, and (b) transmitting the retrieved
management object.

24. (New) A machine readable recording medium having a
program for a management object process recorded thereon, said
process comprising:

classifying the management objects into a first type having

5   a collection time that is shorter than a reference collection
time and having a value change frequency that is higher than a
reference frequency, and a second type having at least one of a
collection time that is not shorter than the reference collection
time and a value change frequency that is not higher than the

10   reference frequency;

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performing, in response to an object collection request
for a management object of the second type, a sequence of:
(a) collecting the management objects of the first type from the
managed device, (b) storing the collected management objects in
15   the memory section, (c) collecting the management object of the
requested second type after the collection of the management
objects of the first type, and (d) transmitting the collected
management object of the second type; and

performing, in response to an object collection request for
20   a management object of the first type, a sequence of:
(a) retrieving from the memory section the management object of
the requested first type, and (b) transmitting the retrieved
management object.

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